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(71) Applicant (for all designated States except US): **VRUJE
UNIVERSITEIT BRUSSEL** [BE/BE]; Pleinlaan 2,
B-1050 Brussel (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DESMET, Gert**

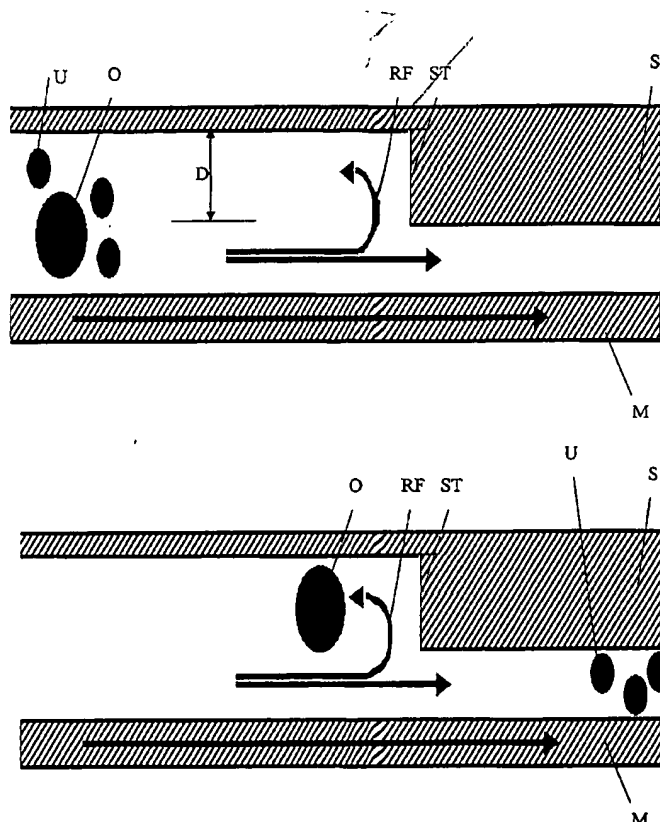
[BE/BE]; Tervuursesteenweg 720, B-1982 Elewijt
(BE). **DE SMET, Jan** [BE/BE]; Aerebeekstraat 29,
B-1540 Herne (BE). **GZIL, Piotr** [PL/BE]; Heidestraat
117, B-2950 Kapellen (BE). **CLICQ, David** [BE/BE];
Pedestraat 69, B-1602 St. Pieters-Leeuw (BE). **PAP-
PAERT, Kris** [BE/BE]; G. Wittouckstraat 208, B-1600
St.-Pieters-Leeuw (BE). **VANDERHOEVEN, Johan**
[BE/BE]; Van Leeuwlaan 15, B-1140 Evere (BE). **VER-
VOORT, Nico** [BE/BE]; Dobbelhuizen 9 bus 2, B-2800
Mechelen (BE). **VANKRUNKELSVEN, Sarah** [BE/BE];
Asstraat 4 bus 3, B-1000 Brussel (BE). **BARON, Gino**
[BE/BE]; Bleuckeveldlaan 34, B-3080 Tervuren (BE).
VAN DEN CRUYCE, Joost [BE/BE]; Kerseveldmeers
27, B-1745 Opwijk (BE).

(74) Agents: **BRANTS, Johan, Philippe, Emile** et al.; E.
Gevaertdreef 10A, B-9830 St-Martens-Latem (BE).

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(54) Title: METHOD AND DEVICE FOR SIZE-SEPARATING PARTICLES PRESENT IN A FLUID



(57) Abstract: The present invention relates to a method and device for separating particles in a fluid according to size comprising generating at least one recirculating flow by a) transporting a fluid containing said particles across a profiled surface carrying at least two adjacent regions of different depth which form a surface level step, wherein - the fluid is transported by mechanically moving a flat first surface over the profiled surface, - the adjacent regions of different depth are arranged such that the depth of the regions decreases in the net direction of a forward displacement of the first surface, - a normal load is applied to at least one surface, and b) allowing the separation of said particles by at least one recirculating flow generated by moving said first surface past said profiled surface.



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